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(54) TRANSMISSION LINE ANALYSIS
WAVEFORM DISTORTION COUNTER
MEASURE PROCESSOR

(57) Abstract:

PROBLEM TO BE SOLVED: To shorten work time and to select an optimum signal waveform distortion counter measure by generating a waveform distortion counter measure processing circuit description file obtained by taking a waveform distortion counter measure in a counter measure library against a circuit description file, automatically selecting the appropriate waveform distortion counter measure and instructing the execution of analysis.

SOLUTION: A waveform judgement part 12 inputs restricted value data 11 and analysis waveform data 8, which are inputted from a restricted value input part 10, judges whether or not the level of signal waveform distortion from analysis waveform data 8 is within a defining value data 11 and judges the necessity of the waveform distortion counter measure. A waveform distortion counter measure result data holding part 13 holds a judged result as waveform distortion counter measure result data and a judgement result display part 14 displays the judged result. A waveform distortion counter measure execution part 16 generates the waveform distortion counter measure processing circuit description file

17 where the waveform distortion counter measure in the counter measure library 15 is executed on the circuit description file 5 when the waveform distortion counter measure is required, automatically selects the appropriate waveform distortion counter measure and instructs analysis execution to a transmission line analysis part 6.

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